Table 1 - Near Final **EPA List of Focused PRGs** for the FS from 4 March, 10 March, and 17 March 2010 Meetings with LWG Meeting Notes.

Chemical	Line of Evidence	Value	Units	Notes	Exposure Area	Additional 10 and 17 March LWG Notes
Metals	·		100			
Arsenic	Eco Benthic - PEL SQG	17	mg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Arsenic	Background DW UPL	3.97	mg/kg		Site-wide hilltop	
Cadmium	FPM High SQG	3.51	mg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Chromium	Eco Benthic - PEL SQG	90	mg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Copper	Eco Benthic - PEC SQG	149	mg/kg	This is lower than the FPM low SQG of 493 mg/kg	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Copper	Eco Benthic - FPM High SQG	562	mg/kg	Including both FPM and PEC is inconsistent with other decisions for most chemicals	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Lead	Eco Benthic - PEL SQG	91.3	mg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Mercury	Eco Benthic - FPM High SQG	0.41	mg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Nickel	Eco Benthic - PEL SQG	36	mg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Silver	Eco Benthic - FPM High SQG	1.72	mg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
ТВТ	Eco - Fish Dietary Assessment - Small Mouth Bass	5.93	mg/kg-OC	Covers all other TBT PRGs except sculpin below.	1 RM	
ТВТ	Eco - Fish Dietary Assessment - Sculpin	3.78	mg/kg-OC	Weak Line of Evidence	AOPC development - point by point, BERA - 1/10th rivermile	EPA would like to retain this PRG but acknowledges that there are uncertainties regarding sculpin exposure in deeper non-nearshore areas that can be discussed in the FS. EPA was unclear how the large additional area included outside the current localized AOPC boundaries should be handled in the FS (i.e., expansion of localized AOPCs or part of site-wide AOPC). EPA also agreed that the LWG can evaluate data density and quality issues in the FS.
Zinc	Eco Benthic - PEL SQG	315	mg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
PAHs	•					
B(a)p	HH Clam Consumption, High Consumption Rate 18 g/day, 10^-5	5.9	mg/kg-OC	Weak Line of Evidence	1 RM, excluding navigation channel, (E and W separate)	EPA considered making alternative water depth or consumption exposure assumptions but prefers using assumptions consistent with the risk assessment.
B(a)pEq	HH Tribal Fisher In-water Direct Contact 10^-6 (cPAH)	423	μg/kg	Cut off at AOPC lines per EPAs June 2009 AOPC development rules	1/2 RM, excluding navigation channel, (E and W separate)	EPA indicated that cutting areas at the AOPC boundary lines is not a rigid rule and the LWG should understand that the future boundary lines might vary somewhat based on the distribution of the chemical concentrations. The exact methods for the LWG to determine these variations is unclear.

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B(a)pEq	HH HF Fisher Beach Sediment Direct Contact 10^-6 (cPAH)	162	μg/kg		Beach Type	EPA considered whether this PRG would be part of the site-wide AOPC or not. They decided that because BaP clam consumption PRG above highlights this same area, that there is no additional area created and this BaP beach PRG should be included as part of the localized AOPCs.
Total LPAHs	Eco Benthic - FPM High SQG	9300	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Total PAHs	Eco Benthic - PEC SQG	22800	μg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
SVOCs	-	•		•	•	
4-methylphenol	Eco Benthic - FPM High SQG	96	μg/kg	Issues of High Non-Detect and/or High Non-Detect Frequencies	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Benzyl Alcohol	Eco Benthic - FPM High SQG	36	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Carbazole	Eco Benthic - FPM High SQG	1100	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Phenol	Eco Benthic - FPM High SQG	120	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Phthalates						
Diethyl Phthalate	Eco Benthic - FPM Low SQG	120	μg/kg	EPA said use FPM high, but one does not exist, so FPM Low is shown	Point by Point	EPA would prefer is some more relevant chemical or phthalate were provided by the FPM model. EPA indicated that the chemical list available from the FPM model should be further considered in the FS comprehensive benthic approach.*
PCBs		1			l	
Total PCBs	HH Adult Fish Consumption - Small Mouth Bass - Low IR - 10^-4	29.5	μg/kg	Cut off at AOPC lines per EPAs June 2009 AOPC development rules	1 RM	EPA indicated that cutting areas at the AOPC boundary lines is not a rigid rule and the LWG should understand that the future boundary lines might vary somewhat based on the distribution of the chemical concentrations. The exact methods for the LWG to determine these variations is unclear.
Total PCBs	Background DW UPL	17	μg/kg	Cut off at AOPC lines per EPAs June 2009 AOPC development rules	Sitewide Hilltop	EPA indicated that cutting areas at the AOPC boundary lines is not a rigid rule and the LWG should understand that the future boundary lines might vary somewhat based on the distribution of the chemical concentrations. The exact methods for the LWG to determine these variations is unclear.
Total PCBs	Eco Benthic - FPM High SQG	500	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Dioxin Furans		•		·		
2,3,4,7,8 PCDF	Eco Bird Dietary Assessment - Sandpiper Worms	0.0541	μg/kg		Beach Type	Sandpiper PRGs should be mapped to sand piper beaches. (Not wide shoreline seidments in general).

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Chemical	Line of Evidence	Value	Units	Notes	Exposure Area	Additional 10 and 17 March LWG Notes
2,3,4,7,8 PCDF	HH Adult Fish Consumption, Small Mouth Bass Low IR, 10^-4	0.00106	μg/kg		1 RM	EPA agreed to move the 10^-5 PRG to the site-wide AOPC, but would like to continue to look at the 10^-4 PRG within the localized AOPCs.
2,3,4,7,8 PCDF	Eco - Mink Multi-Species Diet	0.056	μg/kg		1 RM	
Pesticides						
Total Chlordane	HH Fish Consumption - Large Home Range Single Species High IR, Low BA 10^-6	1.87	μg/kg		Study Area	
delta-HCH	Eco Benthic - FPM High SQG	2.35	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Aldrin	HH Fish Consumption - Large Home Range Single Species High IR, Low BA 10^-6	0.84	μg/kg		Study Area	Given that a very small area maps out for PRG that is totally covered by other PRGs, the LWG may want to consider accepting this PRG.
Dieldrin	Eco Benthic - FPM High SQG	21.5	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Endrin	Eco Benthic - FPM High SQG	20.8	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Endrin Ketone	Eco Benthic - FPM High SQG	8.5	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Gamma HCH	Eco Benthic - PEL SQG	1.38	μg/kg	Issues of high Non-Detect (923 of 1106 samples in BERA dataset were non-detect). No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Sum DDD	Eco Benthic - PEC SQG	28	μg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Sum DDE	Eco Benthic - PEC SQG	31.3	μg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Sum DDE	HH Adult Fish Consumption, Small Mouth Bass Low IR, 10^-5	8.8	μg/kg		1 RM	
Sum DDT	Eco Benthic - PEC SQG	62.9	μg/kg	No FPM SQG exists	Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*
Total DDX	Eco Benthic - FPM High SQG	218	μg/kg		Point by Point	Benthic SQG that will be further evaluated in comprehensive benthic approach.*

<sup>\*</sup>EPA has not yet fully agreed to allow LWG to embark upon the comprehensive benthic approach to mapping areas of benthic toxicity.

PRGs where there is disagreement between LWG and EPA and have significant impact on the current AOPC boundaries.

PRGs referenced in EPA's AOPC Development Rules, June 2009

Table 2 - Near Final EPA List PRGs that Have Been Moved to the Site-Wide AOPC for the FS from 4 March, 10 March, and 17 March 2010 Meetings with LWG Meeting Notes.

Chemical	Line of Evidence	Value	Units	Notes	Exposure Area	Additional 10 and 17 March LWG Notes
PAHs						
B(a)p	Background DW UPL	15.32	ug/kg	EPA using background as surrogate to cover widespread PAH concentrations.	Site-wide hilltop	EPA agreed that this would be part of the site-wide AOPC.
2,3,4,7,8 PCDF	HH Adult Fish Consumption, Small Mouth Bass Low IR, 10^-5	0.00106	μg/kg	Causes large additional area at a risk level inconsistent with decisions on similar PRGs.	1 RM	EPA agreed that this PRG could be moved to the site-wide AOPC concept.
2,3,4,7,8 PCDF	Background DW UPL	0.0005	μg/kg	Causes large additional area at a risk level inconsistent with decisions on similar PRGs.	Site-wide hilltop	EPA agreed that this PRG could be moved to the site-wide AOPC concept.
Pesticides						
Dieldrin	Bioaccumulation or Background value	TBD	TBD		ТВО	EPA indicated that Dieldrin background value should become part of the site-wide AOPC. Background is a surrogate for a bioaccumulation-based PRG.
SumDDE	Background DW UPL	1.72	μg/kg	Unclear why this would be mapped outside AOPC boundaries but total PCBs would not.	Sitewide Hilltop	EPA agreed that mapped by this PRG outside current AOPC boundaries would be added to the site-wide AOPC concept (similar to current approach on total PCB background PRG).

Table 3 - Near I	Final <b>EPA List of PRGs That Are <mark>No Lo</mark>ı</b>	nger Proposed for U	se.	RΔ	FI	
Chemical	Line of Evidence	Value	Units	Notes	Exposure Area	Additional 10 and 17 March LWG Notes
Metals						
Mercury	Background DW UPL	0.0532	mg/kg	EPA contemplated using background as surrogate for absence of mercury fish	Site-wide hilltop	EPA decided that it was not reasonable to remediate mercury to background levels and removed this potential PRG from the list.

<sup>\*</sup>EPA has not yet fully agreed to allow LWG to embark upon the comprehensive benthic approach to mapping areas of benthic toxicity.